

CASwell # 393

Shaughnessy #: 037801

EFB Logout Date: 12/29/83

Init: 12 DEC 1983

To: G. LaRocca
Product Manager #
Registration Division (TS-767)

From: Lionel A. Richardson, Head
Environmental Chemistry Review Section #3
Exposure Assessment Branch
Hazard Evaluation Division (TS-769c)

Attached please find the EAB review of...

Reg./File No.: 45639-23

Chemical: Dioxathion

Type Product: Insecticide-Acaricide

Product Name:

Company Name: BFC Chemicals, Inc.

Submission Purpose: Reentry Data Waiver (RS Action)

ZBB Code:

ACTION CODE:

Date In: 12/8/83

EFB # 4093

Date Completed: 12/9/83

TAIS (level II) Days

Deferrals To:

42

1

Ecological Effects Branch

Reviewer: Patricia Ott

Residue Chemistry Branch

Patricia Ott

Toxicology Branch

EAB Response to BFC Chemicals' Request
for Waiver of Reentry Data (Reg./File No. 45639-23)

This waiver request for reentry data is granted since BFC
Chemicals is withdrawing all crop uses of dioxathion.



Patricia Ott, Chemist
Exposure Assessment Branch, HED (TS-769)

REGISTRATION DIVISION DATA REVIEW RECORD
Confidential Business Information - Does Not Contain National Security Information (E.O. 12065)

7371
11/30/83

1. CHEMICAL NAME

dioxathum

2. IDENTIFYING NUMBER

45639-23

3. ACTION CODE

661

4. ACCESSION NUMBER

TO BE COMPLETED BY PM

5. RECORD NUMBER

110316

6. REFERENCE NUMBER

3

7. DATE RECEIVED (EPA)

11/21/83

8. STATUTORY DUE DATE

9. PRODUCT MANAGER (PM)

LaRocca

10. PM TEAM NUMBER

15

14. CHECK IF APPLICABLE

☐ Public Health/Quarantine

☐ Minor Use

☐ Substitute Chemical

☐ Part of IPM

☐ Seasonal Concern

☒ Review Requires Less Than 4 Hours

TO BE COMPLETED BY PCB

11. DATE SENT TO HED/TSS

11-30-83

12. PRIORITY NUMBER

50

13. PROJECTED RETURN DATE

12-30-83

15. INSTRUCTIONS TO REVIEWER

A. HED

☐ Total Assessment - 3(c)(5)

C. ☐ BFS/D

☐ Incremental Risk Assessment - 3(c)(7) and/or E.L. Johnson memo of May 12, 1977.

D. ☐ TSS/RD

E. ☐ Other

B. SPRD (Send Copy of Form to SPRD PM)

☐ Chemical Undergoing Active RPAR Review

☐ Chemical Undergoing Active Registration Standards Review

F. INSTRUCTIONS

Attention R+ Off: Please review EFB data waiver request from a on light of request to suspend crop uses. This is response to Reg standard.

16. RELATED ACTIONS

17. 3(c)(1)(D)

☐ Use Any or All Available Information ☐ Use Only Attached Data
☐ Use Only the Attached Data for Formulation and Any or All
☐ Available Information on the Technical or Manufacturing Chemical.

18. REVIEWS SENT TO

☐ TB

☒ EEB

☐ EF

☐ PL

☒ RCB

☒ EFB

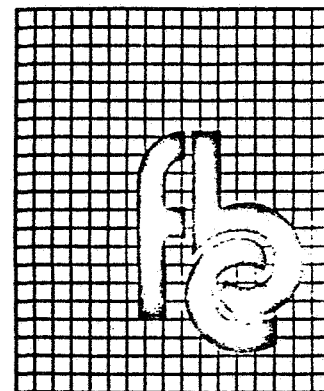
☐ CH

☐ BFS/D

19. To	TYPE OF REVIEW	NUMBER OF ACTIONS							
		Registration	Petition	EUP	SLN	Sec. 18	Inert	MNR. USE	Other
HED	TOXICOLOGY								
	ECOLOGICAL EFFECTS								
	RESIDUE CHEMISTRY								
	ENVIRONMENTAL DATE								
RD/TSS	CHEMISTRY								
	EFFICACY								
	PRECAUTIONARY LABELING								
BFS/D	ECONOMIC ANALYSIS								

20. <input type="checkbox"/> Label Submitted with Application Attached	21. <input type="checkbox"/> Confidential Statement of Formula	22. <input type="checkbox"/> Representative Labels Showing Accepted Uses Attached	23. Date Returned to RD (to be completed by HED)	24. Include an Original and 4 (four) Copies of This Completed Form for Each Branch Checked for Review.
--	--	---	--	--

BFC Chemicals, Inc.
4311 Lancaster Pike, P.O. Box 2867
Wilmington, DE 19805
(302) 995-1177
TELEX No.: 835475



November 21, 1983

Mr. George La Rocca
Product Manager (15)
Registration Division (TS767)
Environmental Protection Agency
401 M Street SW
Washington, D.C. 20460

Dear Mr. LaRocca:

I am writing to outline our intentions for compliance with the Dioxathion Registration Standard.

BFC Chemicals will be continuing registrations for the following uses of dioxathion. We will, therefore, generate the necessary data to support registration on:

Animal Uses: Beef Cattle, Goats, Sheep, Swine and Horses.

Terrestrial Non-Food Uses: Ornamentals, Recreation Areas, Commercial, Institutional and Industrial areas

Indoor/Outdoor Non-Domestic: Dogs and their living quarters, and around domestic dwelling

Manufacturing Use Product - Technical Registration

We wish to suspend our registrations for the following uses of dioxathion:

Terrestrial, Non-Domestic Food Uses: Pome fruits (apples, pear, quince), stone fruits (apricot, cherry, peach, plum and prune), citrus (grapefruit, orange, tangelo, tangerine, lemon, lime), grapes, walnuts.

Since BFC Chemicals is requesting suspension of all dioxathion crop uses, we believe that waivers are justified for the following data listed in the Registration Standard.

These requirements are deemed to be inappropriate based on the remaining registered use patterns for dioxathion:

Section 158.125 Residue Chemistry

Residue Studies on the following process commodities:

- . citrus molasses
- . citrus oil
- . citrus juice
- . grape juice
- . grape pomace
- . raisins
- . raisin wastes
- . apple juice

Section 158.145 Acute LC50 Estuarine and Marine Organisms

Section 158.140 Reentry Protection

- . Foliar Dissipation Studies
- . Dermal Exposure Studies
- . Inhalation Exposure

Before BFC Chemicals, Inc. is able to commit to a timetable for completing the major toxicology and metabolism studies, we need to resolve the issues surrounding the purity of typical technical dioxathion. To this end I propose that we meet on the afternoon of December 7 to discuss in detail our efforts toward identifying the impurities in technical dioxathion. We will be prepared to elaborate on some of the points mentioned in your letter of October 26.

Mr. Peter Carter who is the head of FBC's Analytical Department and Dr. David Foulkes, head of FBC Regulatory Affairs will be present on December 7 for the meeting. We request that representatives from both the Toxicology Branch and the Chemistry Branch of the EPA be present. We feel confident that between us we can develop a program that will involve a reasonable amount of effort and will adequately address the health and safety concerns of the Agency.

If you have any questions, please do not hesitate to contact me at (302) (302) 995-7361. I look forward to receiving from you confirmation on the time for our December 7 meeting.

Sincerely,

Paula Smith-Paul
Paula Smith-Paul
Manager, Regulatory Affairs

PSP:af